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MONTHLY REPORT

1 August - 31 August 1957

SYSTEMS ENGINEERING BRANCH
ENGINEERING DIVISION

25X1A9A

1. Messrs. [] have been assigned to this branch for evaluation prior to possible certification as electronics engineers. During the evaluation period they will be given projects which are both "systems" and equipment engineering in nature.

2. Project E-5014, VHF/UHF Mux Study is long range in nature and will be reported only when new equipment comes on the market.

3. There has been enthusiastic response from the field on the Fox Test Drums which were sent out on a trial basis. One area states, "this appears to be the answer to a long standing problem." The test drums were designed to mount readily over the sensing pins of any transmitter distributor. The units were manufactured by the R&D Laboratory.

4. A new generator, manufactured by the Katolight Co., offers ready 50 to 60 cycle conversion or vice versa with no additional parts. The price is comparable to a standard 60 cycle only unit. We are investigating these units for standard use.

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5. [] has requested that a draftsman be sent TDY for 90 days to assist them. Mr. [] is being processed for this assignment. He 25X1A9A
expected to depart the first week in October.

6. NEW PROJECTS

E-5105 HT-4 Exciter Modification
E-5106 Mechanical Transmitter
E-5107 Standardization of Antenna and Transmission Line Construction
Drawings and Materials

7. COMPLETED PROJECTS

E-5086 Monitor Equipment for OC-S
E-5098 "10-20" Line Feed Counter

8. SUSPENDED PROJECTS

E-5045 Transmitter to Antenna Matching Equipment and Information
E-5089 Selective Calling Systems
E-5090 On-Line Tiny Tot

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ATTACHMENTS:

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Memorandum for the Record; Subject:

Trip Report -

Memorandum to the File; Subject:

Trip to NSA - 9 August

Memorandum to the File; Subject:

Investigation of Lack of Grid Drive on HT-4

Transmitters Operating from 18 to 20 megacycles

Memorandum to the File; Subject:

Implementation of a Program to Perform Modifications

Work Orders 10, 19, and 20 on the URT-11 and RT-1B Transmitters
Projects and Activities of the
August Monthly Report

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